

(C) WPI/Derwent

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CPY - SAKI

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MC - A02-A06E A04-G01E A08-M10 A12-D02 A12-H10 A12-R03 A12-S04A2

PA - (SAKI) SAKAI KAGAKU KOGYO KK

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XA - C1999-068646

XIC - B29C-047/00 ; B29K-023/00 ; B29K-105/04 ; B29L-007/00 ; C08J-009/14 ; C08K-005/18 ; C08L-023/06

AB - J11060781 NOVELTY - The foam resin sheet contains non-crosslinked low density polyolefin resin which has blocking property to which a shrinkproofing agent foam with high foaming ability is added. The polyolefin resin is obtained by using a metallocene catalyst. The resin is molded in the shape of a sheet.

- USE - As carpet lining, floor sheet, wall paper lining, close-fitting packaging bag for mail/goods, sound/heat insulating material, shock absorbing material etc.

- ADVANTAGE - The sheet has high tensile strength, tearing strength and excels in moldability and fitting. Wide usage is enabled. By incorporating an antimicrobial agent, the sheet can be used as table mat.

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IW - FOAM RESIN ANTI SKID SHEET FLOOR SHEET CARPET LINING LOW DENSITY POLYOLEFIN BLOCK PROPERTIES OBTAIN METALLOCENE CATALYST SHRINK AGENT

~~IKW - FOAM RESIN ANTI SKID SHEET FLOOR SHEET CARPET LINING LOW DENSITY POLYOLEFIN BLOCK PROPERTIES OBTAIN METALLOCENE CATALYST SHRINK AGENT~~

NC - 001

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ORD - 1999-03-05

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TI - Foam resin anti-skid sheet as floor sheet, carpet lining - has low density polyolefin with blocking property, obtained by polymerization using metallocene catalyst, and shrinkproofing agent

A01 - [001] 018 ; G0033-R G0022 D01 D02 D51 D53 ; R00326 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D82 ; H0000 ; H0011-R ; S9999 S1581 ; S9999 S1309-R ; P1172 P1161 ; P1150 ;

- [002] 018 ; ND01 ; B9999 B5345 B5276 ; Q9999 Q6848 Q6826 ; Q9999 Q6906 ; B9999 B5027 B5016 B4977 B4740 ; B9999 B4831-R B4740 ; N9999 N7192 N7023 ; Q9999 Q7818-R ; K9574 K9483 ; K9676-R ; K9712 K9676 ; Q9999 Q6893 Q6826 ; Q9999 Q8413 Q8399 Q8366 ; Q9999 Q9143 ; Q9999 Q6622 Q6611 ; Q9999 Q7954 Q7885 ; Q9999 Q7738 Q7681 ; B9999 B4171 B4091 B3838 B3747 ; N9999 N6086 ; N9999 N5970-R ; B9999 B4182 B4091 B3838 B3747 ; B9999 B5367 B5276 ; B9999 B3907 B3838 B3747 ;

- [003] 018 ; 4B-R Tr D01 D68 D62 D61 ; C999 C293 ; C999 C033 C000 ;

- [004] 018 ; D01 D50 D63 F70-R F41-R ; A999 A339 ;

- [005] 018 ; R00804 D01 D02 D11 D10 D50 D84 ; A999 A282 A260 ;

- [006] 018 ; A999 A044-R ;

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Patent Abstracts of Japan

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APPLICANT : NAGANO NOBAFUJOMU KK;

INVENTOR : TAGUCHI SUSUMU;

INT.CL. : C08L 23/06 C08F 4/80 C08F 10/02 C08J 9/04

TITLE : ANTISLIP MATERIAL

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a material having an excellent antislip effect by forming a foam of a synthetic resin containing a polyethylene prepared by polymerization in the presence of a metallocene catalyst.

SOLUTION: There is provided an antislip material made of a sheety or netlike foam prepared by molding a synthetic resin comprising a polyethylene prepared by polymerization in the presence of a metallocene and optionally other polymers and fillers with a tandem extruder composed of two extruders connected in series. A low-boiling solvent is poured into the middle of the first stage extruder, whereupon the molten resin is foamed into a high-expansion-ratio 1-3 mm thick sheet when it is extruded into a zone at atmospheric pressure. The solvent may be replaced by a thermally decomposable blowing agent. The sheety foam is formed by cut-opening a cylinder obtained by using a circular die. The netlike foam is formed by using a rotary die having a plurality of grooves at the same intervals between the inner and outer dies and extruding the molten resin through the grooves while rotating the dies in the opposite directions.

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